

ABSTRACT OF THE DISCLOSURE

The surface of a needle for collecting samples is coated with a coating material lower in chemical activity than a base metal of the needle. More specifically, the surface of the needle may be coated with a layer of gold or platinum. Alternatively, the surface of the needle may be coated with a synthetic resin coating of, for example, PEEK which is superior in chemical resistance. As a result, it is possible to obtain a practically sufficient antifouling effect even on contamination coming from chemical adsorption. Such contamination could not be removed sufficiently only by related-art measures against physical contamination. Thus, it is possible to provide an automatic sampler which can perform highly sensitive analysis.